#### (FILE 'HOME' ENTERED AT 14:57:24 ON 16 APR 2007)

|      | FILE 'CAPLU | JS, MEDLINE, USPATFULL' ENTERED AT 14:57:55 ON 16 APR 2007      |
|------|-------------|---|
| L1   | 430         | S (FLUTICASONE OR (FLUTICASONE(W)PROPIONATE)) (S) (PARTICLE OR  |
| L2   | 58          | S L1 (S) AQUEOUS  |
| L3   | 137         | S L1 (S) (WATER OR AQUEOUS)                                     |
| L4   | 18          | S L3 (S) (ANTIBIOTIC OR ANTIFUNGAL OR (ANTI(3A) (BIOTIC OR FUNG |
| L5   |             | DUPLICATE REMOVE L4 (0 DUPLICATES REMOVED)                      |
| · L6 |             | S L5 (S) (PRESERVATIVE OR (BENZALKONIUM(W)CHLORIDE))            |
|      | •           |   |
| =>   | d que ll    |   |
| Ll   |             | SEA (FLUTICASONE OR (FLUTICASONE(W) PROPIONATE)) (S) (PARTICLE  |
| ٠    | 150         | OR SUSPENSION OR DISPERSION OR SOLUTION OR (PARTICLE(W)         |
|      |             | SIZE(W) DISTRIBUTION))  |
|      |             | SIZE (W) DISTRIBUTION//   |
|      |             |   |
| - <  | d que 14    |   |
| L1   | -           | SEA (FLUTICASONE OR (FLUTICASONE(W) PROPIONATE)) (S) (PARTICLE  |
| ЦΤ   | 430         |   |
|      |             | OR SUSPENSION OR DISPERSION OR SOLUTION OR (PARTICLE(W)         |
|      |             | SIZE(W) DISTRIBUTION))  |
| L3   |             | SEA L1 (S) (WATER OR AQUEOUS)                                   |
| L4   | 18          | SEA L3 (S) (ANTIBIOTIC OR ANTIFUNGAL OR (ANTI(3A) (BIOTIC OR    |
|      |             | FUNGAL)) OR (AMPHOTERICIN(3A) BETA) OR DOXYCYCLINE)             |

ANSWER 3 OF 18 USPATFULL on STN L5

TI Formulations and methods for treating rhinosinusitis

The invention involves methods and formulations for treating or AΒ preventing rhinosinusitis, including fungus-induced rhinosinusitis in mammals. In one embodiment, the formulation of the present invention comprises a steroidal anti-inflammatory agent having a specific particle size distribution profile. The formulation may also comprise an

antifungal agent, antibiotic or antiviral agent.

2006:60136 USPATFULL ACCESSION NUMBER:

Formulations and methods for treating rhinosinusitis TITLE:

Chaudry, Imtiaz, Napa, CA, UNITED STATES INVENTOR(S):

Merck Patent GmbH (U.S. corporation) PATENT ASSIGNEE(S):

> NUMBER KIND DATE -----

US 2006051300 A1 20060309 PATENT INFORMATION:

A1 20051014 (11) APPLICATION INFO.: US 2005-250925

RELATED APPLN. INFO.: Continuation of Ser. No. WO 2004-EP3316, filed on 29

Mar 2004, UNKNOWN

DOCUMENT TYPE: Utility APPLICATION FILE SEGMENT:

ALSTON & BIRD LLP, BANK OF AMERICA PLAZA, 101 SOUTH LEGAL REPRESENTATIVE:

TRYON STREET, SUITE 4000, CHARLOTTE, NC, 28280-4000, US

NUMBER OF CLAIMS: 32 EXEMPLARY CLAIM: LINE COUNT: 1421

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 8 OF 18 USPATFULL on STN

TI Formulations and methods for treating rhinosinusitis

The invention involves methods and formulations for treating or AB preventing rhinosinusitis, including but not limited to,

bacterial-induced, viral-induced and/or fungus-induced rhinosinusitis in mammals, and/or rhinosinusitis not induced by an infective agent, such as bacteria, fungus or virus. In one embodiment, the formulation of the present invention comprises an anti-inflammatory agent (e.g. fluticasone propionate) having a specific particle size distribution profile. The formulation may also comprise an antifungal agent, antibiotic or

antiviral agent.

2005:208449 USPATFULL ACCESSION NUMBER:

Formulations and methods for treating rhinosinusitis TITLE: Chaudry, Imtiaz, American Canyon, CA, UNITED STATES INVENTOR(S):

PATENT ASSIGNEE(S): Dey, L.P. (U.S. corporation)

NUMBER KIND DATE -----US 2005180925 A1 US 2005-78263 A1 20050818 PATENT INFORMATION:

20050312 (11) APPLICATION INFO.:

Continuation-in-part of Ser. No. US 2003-657550, filed RELATED APPLN. INFO.: on 4 Sep 2003, PENDING Continuation-in-part of Ser. No.

US 2003-414682, filed on 16 Apr 2003, PENDING

Continuation-in-part of Ser. No. US 2003-414756, filed

on 16 Apr 2003, PENDING

DOCUMENT TYPE: Utility APPLICATION FILE SEGMENT:

ALSTON & BIRD LLP, BANK OF AMERICA PLAZA, 101 SOUTH LEGAL REPRESENTATIVE:

TRYON STREET, SUITE 4000, CHARLOTTE, NC, 28280-4000, US

NUMBER OF CLAIMS: 47 EXEMPLARY CLAIM: 1 LINE COUNT: 1843

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Formulations and methods for treating rhinosinusitis

The invention involves methods and formulations for treating or preventing rhinosinusitis, including fungus-induced rhinosinusitis in mammals. In one embodiment, the formulation of the present invention comprises a steroidal anti-inflammatory agent having a specific particle size distribution profile. The formulation may also comprise an

antifungal agent, antibiotic or antiviral agent.

ACCESSION NUMBER: 2004:268309 USPATFULL

TITLE: Formulations and methods for treating rhinosinusitis

INVENTOR(S): Chaudry, Imtiaz, Napa, CA, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2004209852 Al 20041021

APPLICATION INFO.: US 2003-657550 Al 20030904 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2003-414682, filed on 16 Apr 2003, PENDING Continuation-in-part of Ser.

No. US 2003-414756, filed on 16 Apr 2003, PENDING

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: ALSTON & BIRD LLP, BANK OF AMERICA PLAZA, 101 SOUTH

TRYON STREET, SUITE 4000, CHARLOTTE, NC, 28280-4000

NUMBER OF CLAIMS: 70 EXEMPLARY CLAIM: 1 LINE COUNT: 1626

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

### Freeform Search

|                       | Search Clear Interrupt   |
|-----------------------|--|
| Display:<br>Generate: | Documents in <u>Display Format</u> : CIT Starting with Number 1  C Hit List 6 Hit Count C Side by Side C Image   |
| Term:                 | L5 and @ad<20030416  |
| )atabase:             | US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins |

DATE: Monday, April 16, 2007 Purge Queries Printable Copy Create Case

| Set<br>Name<br>side by<br>side | Query   | Hit<br>Count | Set Name result set |
|--------------------------------|---|--------------|---------------------|
| DB=P                           | GPB, $USPT$ , $USOC$ , $EPAB$ , $JPAB$ , $DWPI$ , $TDBD$ ; $PLUR = YES$ ; $OP = OR$ |              |                     |
| <u>L6</u>                      | L5 and @ad<20030416   | 6            | <u>L6</u>           |
| <u>L5</u>                      | L4 and ("particle size distribution" or PSD)  | 25           | <u>L5</u>           |
| <u>`L4</u>                     | L3 and ((particle or dispersion or suspension) same (size or diameter))             | 76           | <u>L4</u>           |
| <u>L3</u>                      | L2 and ((amphoteriicin near4 beta) or doxycycline or "benzalkonium chloride")       | 84           | <u>L3</u>           |
| <u>L2</u>                      | "fluticasone propionate" same ((water or aqueous) or solution or suspension)        | 257          | <u>L2</u>           |
| DB=P                           | GPB, USPT; PLUR = YES; OP = OR  |              |                     |
| <u>L_1</u>                     | ((Imtiaz Chaudry ) and \$6sinusitis)  | . 9          | <u>L1</u>           |

END OF SEARCH HISTORY

## Freeform Search

| US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins |                     |                        |                       |                |                  |  |
|--|---------------------|------------------------|-----------------------|----------------|------------------|--|
| Term   | 6464958.pn.         |                        |                       |                | <u></u> <u></u>  |  |
| Displa   | ay: 20 Docur        | nents in <u>Displa</u> | <u>y Forma</u>        | t: CIT Starti  | ng with Number 1 |  |
| Gener  | rate: 🧲 Hit List 🧖  | Hit Count              | Side by               | Side C Image   |                  |  |
|  |                     | Search                 | Clear                 | Interrupt      |                  |  |
|  |                     | Se                     | arch Ĥis              | tory           |                  |  |
| DATE: M  | Ionday, April 16, 2 | 007 <u>Purge (</u>     | <u>)ueries</u>        | Printable Copy | Create Case      |  |
| Set Name side by side  |                     | Hit Count S            | et Name<br>result set |                |                  |  |
| •  | PT; PLUR=YES; O     | P=OR                   |                       |                |                  |  |
| <u>L5</u>  | 6464958.pn.         | 1                      | <u>L5</u>             |                |                  |  |
| DB=PG  | PB; PLUR=YES; O     | P=OR                   |                       |                |                  |  |
| <u>L4</u>  | 6464958.pn.         | 0                      | <u>L4</u>             |                |                  |  |
|  | PB, USPT; PLUR = Y  |                        |                       | •              |                  |  |
| <u>L3</u>  | L2 and \$6sinusitis | 9                      | <u>L3</u>             |                |                  |  |
| <u>L2</u>  | Imtiaz Chaudry      | 484                    | <u>L2</u>             |                |                  |  |
|  | PB; PLUR=YES; O     |                        |                       |                |                  |  |
| <u>L</u> 1   | 20040209852.pn.     | 1                      | <u>L1</u>             |                |                  |  |
| END OF SI  | EARCH HISTORY       |                        |                       |                |                  |  |

# PALM INTRANET

Day : Monday Date: 4/16/2007

Time: 15:04:34

#### **Inventor Name Search**

Enter the **first few letters** of the Inventor's Last Name. Additionally, enter the **first few letters** of the Inventor's First name.

| Last Name | First Name |        |
|-----------|------------|--------|
| Chaudry   | Imtiaz     | Search |

To go back use Back button on your browser toolbar.

Back to PALM | ASSIGNMENT | OASIS | Home page